

IN THE SPECIFICATION:

Please replace paragraph [0047] with the following amended paragraph:

[0047] In one embodiment, pressing the "Group Conditions" button 510 causes the application 140 to generate the GUI 600 shown in FIG. 6. The GUI 600 displays each of the available conditions and an associated checkbox 602 for each condition. The user selects which conditions are to be grouped together by checking the appropriate checkbox 602. Illustratively, the "gender" and the "hemoglobin" conditions are selected. The GUI 600 further provides an "[d]" "AND Group" button 604 and an "OR Group" button 606, for ANDing or Oring the selected groups. Assume, by way of illustration, that a user clicks the "AND Group" button 604. The result of this action is shown by the updated GUI 500 in FIG. 7. Specifically, only two conditions 702, 704 remain, with the second condition 704 being a complex condition comprising sub conditions related by a Boolean AND. Further, the two conditions 702, 704 are themselves related by a Boolean AND, shown in the drop-down menu 506.

Please replace paragraph [0053] with the following amended paragraph:

[0053] Referring now to FIG. 14-17 the arrangement of conditions will be described with reference to the intermediate first level Boolean logic values. FIG. 14 shows an initial arrangement 1402 of three conditions, one of which is a complex condition. The first condition (A) is ANDed with the complex condition, while the last condition (D) is ORed with the complex condition. The first condition and the last condition are then ANDed together to form a group (e.g., by clicking the "AND Group " button 604 shown in FIG. 6), shown in the final arrangement 1404. In this case, the first level Boolean logic value AND 1406 is retained, while the first level Boolean logic value ~~CORE~~ OR 1408 is dropped. As a result, the final arrangement 1404 includes two complex conditions ANDed together. Additional examples are provided in FIGs. 15-17 in which selected conditions from an initial arrangement 1502, 1602, 1702 are ANDed together to form final arrangements of 1504, 1604, 1704. In each case, the examples exemplify a common rule: the logical value immediately before a condition ~~been~~ being moved up

is dropped, and the logical value immediately after a condition being moved ~~out~~ up is retained. An exception to the rule is when the condition being moved ~~out~~ up is the last condition in the structure, such as in the case of the condition D of the initial arrangement 1402 in FIG. 14. In this case, the first level Boolean logic value is dropped (e.g. the logic value OR 1408 is dropped).